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foreign agriculture circular

U.S. Department of Agriculture
Foreign Agricultural Service
Economic Research Service

World Crop Production

Approved by the World Agricultural Outlook Board • USDA

WCP-12-81

December 10, 1981

SOUTHERN HEMISPHERE CROPS CONTINUE FAVORABLE DEVELOPMENT

Region	1979/80	1980/81	1981/82 Proj.	
			Nov	Dec
<u>Total Grains (Million metric tons) 2/</u>				
World	1538.8	1561.0	1623.7	1626.0
United States	302.8	269.8	329.2	329.2
Rest of World	1235.8	1291.2	1294.5	1296.8
<u>Oilseeds (Million metric tons)</u>				
World	173.6	159.8	173.9	174.8
United States	72.5	55.8	66.3	66.3
Rest of World	101.1	103.9	107.6	108.6
<u>Cotton (Million bales)</u>				
World	65.6	65.4	70.9	71.0
United States	14.6	11.1	15.6	15.6
Rest of World	51.0	54.3	55.3	55.4

1/ See footnote 1 on World Crop Production summary table.

2/ Includes rice on a rough basis.

- * Total world grain production in 1981/82 is forecast at 1,626 million tons, up fractionally from last month's estimate, and 4 percent larger than the 1980/81 crop. Upward revisions have been made in forecasts for Australia, China and Thailand, while estimates have been lowered for India and Western Europe.
- * World wheat production in 1981/82 is forecast at a record 449 million tons, virtually unchanged from last month's estimate, but 2 percent above the 1980/81 crop. The Australian estimate has been raised slightly since last month.
- * World coarse grain production in 1981/82 is forecast at a record 767 million tons, up marginally from last month's estimate, and 6 percent above the 1980/81 harvest. A larger-than-expected crop for China has been partially offset by slight downward revisions for India and Western Europe.
- * World rice production in 1981/82 is forecast at a record 410 million tons, 4 percent above the 1980/81 harvest, but only modestly above last month's estimate. Improved crop prospects for Indonesia and Thailand since last month have been partially offset by poorer prospects in India and South Korea.

(continued on page 3)

WORLD CROP PROJECTIONS

Projections of 1981/82 world crop production are still tentative. Northern Hemisphere projections include spring crops in final stages of harvest. Southern Hemisphere projections include winter grain crops generally in early stages of harvest and spring crops currently being planted or in the vegetative growth stage. Weather and market developments over the next several months will continue to influence 1981/82 production prospects around the world.

Crop projections generally are based on surveys, historical trends in area and yield, and analysts' judgement. The plus/minus variations around projections in this report should encompass final outcomes about two out of three times. The reliability of past world production estimates and measures of production variability are on pages 16-18.

Forecasts of 1981 U.S. acreage, yield, and production for crops, except for sunflowers, are from the U.S. Crop Production reports released on November 12 and today by USDA's Crop Report Reporting Board.

This report draws on information from USDA's global network of agricultural attaches and counselors, commodity analysts, country and regional specialists, and the staff of the Joint Agricultural Weather Facility. The report is prepared by the Foreign Agricultural Service (FAS), the Economic Research Service (ERS), and the World Agricultural Outlook Board (WAOB).

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ACTING SECRETARY OF AGRICULTURE

(continued from page 1)

- * World oilseed production for 1981/82 is forecast at a record 174.8 million tons, up 900,000 from last month and 15.0 million or 9.4 percent above a year earlier. Upward revisions in Indian peanut and rapeseed production and Chinese soybean production account for most of the increase.
- * In India, rapeseed output was increased by 200,000 tons to 2.2 million, up slightly from a year ago. Favorable prices and good planting conditions for winter rapeseed are supporting an increase in area planted. Indian peanut production also has been increased to 6.2 million tons, up 400,000 from last month. A better-than-expected kharif crop and prospects for a good rabi crop are supporting a good 1981/82 outturn.
- * In China, soybean production could reach 8.1 million tons, up 300,000 from last month, mostly due to higher output in Henan Province, the second largest producer. Production there is reported at 1.32 million tons, much larger than anticipated. Government incentive measures are thought to have encouraged increased area and better yields.
- * World cotton production in 1981/82 is estimated at a record 71 million bales, marginally above month-earlier prospects and 5.6 million above 1980/81. Foreign production is forecast at 55.4 million bales, slightly above last month's estimate, primarily reflecting a 0.2-million-bale increase in the Soviet crop estimate. The larger Soviet production forecast of 13.9 million bales more than offset modest reductions in El Salvador and Colombia. The U.S. crop is estimated at 15.6 million bales, unchanged from the November estimate and sharply above last season's poor level.

WORLD WEATHER HIGHLIGHTS THROUGH DECEMBER 10

USSR--Cold, wet weather early in November was followed by a warming trend, resulting in a substantial snow cover decline. Precipitation fell mainly as rain in the central Ukraine and as snow from the Baltic States south into Belorussia and the western Ukraine. Light precipitation fell from the Central Region and Volga Valley south, aiding soil moisture recharge. The winter wheat crop is dormant in most areas with only limited growth occurring in areas adjacent to the Black and Caspian Seas. In South Central USSR, cotton harvesting was virtually complete by early December. Wet weather during Nov. 21-25 in more eastern areas may have delayed the harvest; otherwise, light precipitation and favorable temperatures occurred.

UNITED STATES--Mild temperatures and seasonal storm activity combined to give U.S. farmers sufficient open weather between storms to make rapid progress in fall field work. This virtually eliminated the persistent lag in seasonal crop development and field work progress by Dec. 10, 1981. Soil moisture levels and pastures have improved, and winter grain development has progressed under these highly favorable weather conditions.

EUROPE--Continued dry weather in Spain delayed winter grain sowing beyond the normal September-November planting period. Reports now indicate that much of the area intended for winter grains will be planted in December or January to lower-yielding spring wheat and barley. In general, precipitation increased over France in late November and early December. Conditions became too wet for winter grains in parts of Central Europe, and in Eastern Europe, wet

weather occurred over most winter grain areas. Precipitation in Yugoslavia, Romania, and Bulgaria improved soil moisture levels. Winter wheat entered dormancy in most areas except those adjacent to the Mediterranean.

SOUTH AMERICA--Widespread showers benefited Argentina's corn, soybeans, and other crops from late October through early December. Soil moisture supplies continue to be replenished in Argentina's major corn and soybean areas. Showers in extreme southern Buenos Aires slowed wheat ripening, but mostly dry weather elsewhere in Buenos Aires and La Pampa aided crop maturation and harvesting. Buenos Aires will produce about 60 percent of the total wheat crop this year. Significant rains had little impact on Brazil's wheat crop since the harvest was nearly complete in Rio Grande do Sul by late November. Abundant moisture is available in Brazilian crop areas for early vegetative growth of soybeans, mostly planted by early December, and for the corn crop's reproductive and grain formation period.

AUSTRALIA--Favorable harvest weather prevailed throughout the wheat belt. Dry weather, especially in West Australia, has hastened maturation of winter grains and benefited harvest activities in all crop areas. The wheat harvest is underway in Victoria. Showers have benefited spring-planted crops and pastures in Queensland.

EASTERN ASIA--Generally dry weather occurred in northern China throughout much of November and early December. Winter wheat became dormant north of the Yangtze River Valley. In general, the early establishment of winter wheat in these areas occurred under marginally favorable conditions. In south interior areas, wet weather favored the early growth of winter wheat. Dry weather in southern coastal areas benefited the final harvest of late rice. Dry weather and cold temperatures occurred in South Korea where the winter wheat crop became dormant.

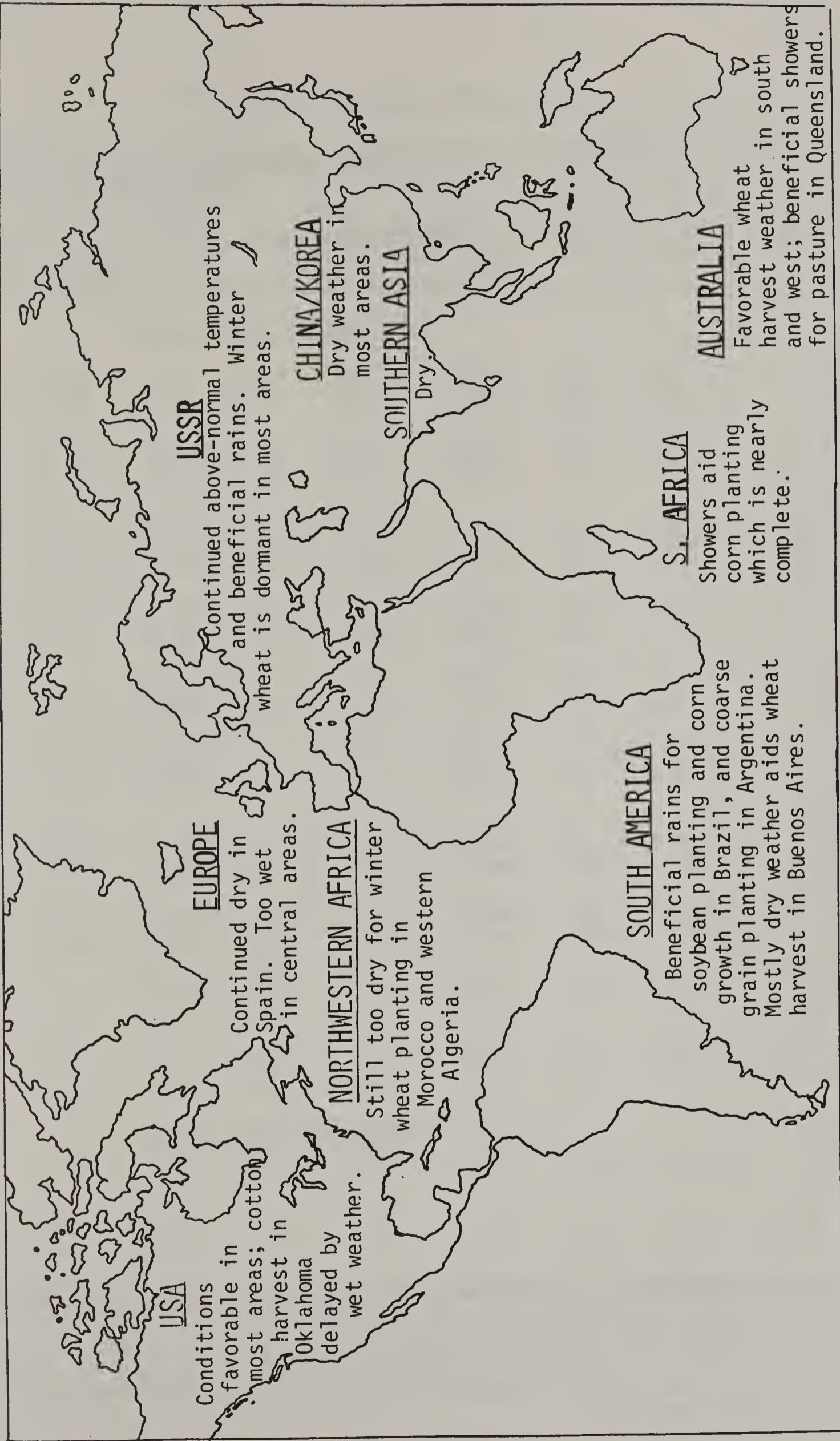
SOUTH ASIA--Wet weather in winter wheat areas of northern India during early November was followed by continued dryness into early December. More rain during the current planting period, normally from October through December, would benefit germination and early growth of the winter grain crop in these areas. However, the dry weather aided both the cotton harvest in central India and the winter rice harvest in east and northeast India. Wet weather over southeast peninsula areas caused some delays in the final harvest of autumn rice.

SOUTH AFRICA--Showers produced beneficial moisture during the past month for corn planting and early growth in the Maize Triangle, including the Transvaal and the Orange Free State. Corn planting was nearly complete by early December after some delays due to dry weather. Soaking rains are still needed to fully establish the crop, and timely moisture will be needed during vegetative growth and reproduction stages to ensure favorable yield prospects.

NORTHWESTERN AFRICA--Some beneficial rains fell on winter grain areas of northern Algeria and northern Tunisia. Persistent dry weather continued over Morocco and western Algeria during November and early December. Winter grain sowing should be underway in northern Tunisia and northeastern Algeria, but topsoil moisture is not yet adequate to permit winter grain sowing in western Algeria and Morocco.

AGRICULTURAL WEATHER HIGHLIGHTS

DATE DECEMBER 9, 1981



World crop production summary 1/

Commodity	Major regions and countries										
	United States	Canada	Western Europe	Eastern Europe	USSR	Asia	Central	Planned	South Asia	Other Asia	Near East and
	United States	Canada	Western Europe	Eastern Europe	USSR	Asia	Central	Planned	South Asia	Other Asia	Pakistan
	United States	Canada	Western Europe	Eastern Europe	USSR	Asia	Central	Planned	South Asia	Other Asia	India
	United States	Canada	Western Europe	Eastern Europe	USSR	Asia	Central	Planned	South Asia	Other Asia	Indonesia
Wheat											
1: 1979/80	58.1	17.2	55.7	27.6	90.2	62.7	35.5	9.9	---	---	---
2: 1980/81	64.5	19.2	64.4	34.5	98.2	54.2	31.8	10.8	---	---	---
3: 1981/82											
4: Nov proj.	74.8	24.4	59.6	31.1	88.0	57.5	36.5	11.5	---	---	---
4: Dec proj.	74.8	24.5	59.5	31.1	88.0	57.5	36.5	11.5	---	---	---
Coarse grains											
5: 1979/80	238.8	18.6	91.1	63.3	81.2	83.0	27.5	---	---	---	3.6
6: 1980/81	198.7	21.8	94.9	61.6	80.5	82.5	28.4	---	---	---	3.5
7: 1981/82											
7: Nov proj.	246.1	25.6	89.9	62.5	77.0	80.8	29.0	---	---	---	4.2
8: Dec proj.	246.1	25.7	89.7	62.6	77.0	82.0	28.7	---	---	---	4.2
Rice(rough)											
9: 1979/80	6.0	---	1.8	---	2.4	143.8	63.6	4.8	26.3	15.7	
10: 1980/81	6.6	---	1.7	---	2.8	139.3	79.9	4.6	29.8	18.5	
11: 1981/82											
11: Nov proj.	8.3	---	1.7	---	2.4	144.0	78.8	5.1	32.0	18.5	
12: Dec proj.	8.3	---	1.5	---	2.4	144.0	78.1	5.1	32.6	19.5	
Total											
grains 2/											
13: 1979/80	302.8	35.8	148.6	91.0	173.7	289.5	126.6	14.8	26.3	19.3	
14: 1980/81	269.8	41.0	160.9	96.1	181.5	275.9	140.1	15.4	29.8	22.0	
15: 1981/82											
15: Nov proj.	329.2	49.9	151.1	93.6	167.4	282.3	144.3	16.6	32.0	22.7	
16: Dec proj.	329.2	50.2	150.7	93.7	167.4	283.5	143.3	16.6	32.6	23.7	
Oilseeds 3/											
17: 1979/80	72.5	5.1	2.6	3.7	10.7	17.4	10.4	1.7	---	---	
18: 1980/81	55.8	3.8	3.6	3.8	10.5	20.2	11.7	1.7	---	---	
19: 1981/82											
19: Nov proj.	66.3	3.0	3.8	3.8	10.5	22.0	11.7	1.8	---	---	
20: Dec proj.	66.3	3.1	3.8	3.8	10.5	22.3	12.3	1.8	---	---	
:											
Cotton											
21: 1979/80	14.6	---	---	---	13.1	10.1	6.0	3.4	---	---	
22: 1980/81	11.1	---	---	---	14.3	12.4	6.1	3.3	---	---	
23: 1981/82											
23: Nov proj.	15.6	---	---	---	13.7	13.3	6.4	3.6	---	---	
24: Dec proj.	15.6	---	---	---	13.9	13.3	6.4	3.6	---	---	
:											

1/ 1980/81 estimates are preliminary. The 1981/82 projections are based on surveys, trends, and judgement of commodity and country analysts. USDA Crop Reporting Board estimates are used for the United States.

2/ Includes total of wheat, coarse grains, and rice shown above. Projected Soviet crop of 175 million tons in special circular FG-44-81(12-10-81) includes around 8 million tons of minor grains and pulses.

World crop production summary 1/---Continued

3/ Totals for major regions and countries and other countries include the six major oilseeds shown elsewhere in this report, while world total also includes sesameseed, safflowerseed, castorbeans, copra and palm kernels for countries shown plus other countries

--- - No production reported or insignificant production.

**Totals may not add due to rounding.

U.S. Crop Acreage, Yield, Production, and Probable Variation 1/
(Domestic Units)

Commodity	Harvested area			Yield			Production		
	1979/80	1980/81	1981/82 Proj.	1979/80	1980/81	1981/82 Proj.	1979/80	1980/81	1981/82 Proj.
---- Million acres----									
All wheat	62.5	70.9	80.7	80.7	34.2	33.4	34.1	2,134	2,370
Winter	43.4	51.4	58.5	58.5	36.9	36.8	35.2	1,601	1,891
Other	19.0	19.5	22.2	22.2	28.0	24.5	31.2	533	478
Rye	.9	.7	.7	.7	25.8	24.5	25.8	22	16
Feedgrains	102.5	101.6	106.5	106.5	2.32	1.95	2.31	238.2	198.2
Corn	72.4	73.1	74.1	74.1	109.7	91.0	109.2	109.2	7,939
Sorghum	12.9	12.7	13.6	13.6	62.7	46.2	64.2	809	588
Barley	7.5	7.2	9.1	9.1	50.9	49.6	52.5	383	359
Oats	9.7	8.6	9.7	9.7	54.4	53.0	52.8	527	458
Soybeans	70.6	66.9	66.9	66.9	32.1	26.4	31.0	31.0	2,268
Rice	2.87	3.30	3.73	3.73	4,599	4,403	4,891	4,891	131.9
All cotton	12.8	13.2	13.7	13.8	547	404	543	14.6	11.1

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Year	Wheat			Rye			Feedgrains		
	Winter	Other	Total	Rice	Corn	Sorghum	Barley	Oats	Total
---- Million acres----									
1979/80	51.8	19.6	71.4	2.9	2.9	81.4	15.3	8.1	14.0
1980/81	57.4	23.0	80.4	2.5	3.4	84.1	15.9	8.3	13.4
1981/82:	65.8	23.0	88.8	2.6	3.8	84.3	16.1	9.8	13.6
Nov. proj.									123.8
Dec. proj.									68.1
proj. 2/	65.8	23.0	88.8	2.6	3.8	84.3	16.1	9.8	13.6

U.S. Planted Area for Major Crops

Year	Wheat			Rye			Feedgrains		
	Winter	Other	Total	Rye	Corn	Sorghum	Barley	Oats	Total
---- Million acres----									
1979/80	51.8	19.6	71.4	2.9	2.9	81.4	15.3	8.1	14.0
1980/81	57.4	23.0	80.4	2.5	3.4	84.1	15.9	8.3	13.4
1981/82:	65.8	23.0	88.8	2.6	3.8	84.3	16.1	9.8	13.6
Nov. proj.									123.8
Dec. proj.									68.1
proj. 2/	65.8	23.0	88.8	2.6	3.8	84.3	16.1	9.8	13.6

1/ 1980/81 is preliminary. 1981/82 estimates are from the U.S. Crop Reporting Board.

2/ November estimates, except December for cotton.

Wheat area, yield, and production: World and selected countries and regions 1/

Region/country:	Area		Yield		Production	
	: 1981/82		: 1981/82 proj.		: 1981/82 proj.	
	: 1979/80 : 1980/81: proj.		: 1979/80 : 1980/81: Nov : Dec		: 1979/80 : 1980/81 : Nov : Dec	
---Million hectares---						
			Metric tons per hectare		Million metric tons	
United States	25.3	28.7	32.7	2.30	2.25	2.29
Canada	10.5	11.1	12.2	1.64	1.73	1.99
Western Europe	15.6	16.4	16.2	3.58	3.93	3.67
Eastern Europe	9.3	9.7	9.2	2.98	3.55	3.36
USSR	57.7	61.5	59.0	1.56	1.60	1.49
Cen. Planned Asia:						
PRC	29.4	28.9	27.6	2.13	1.87	2.08
South Asia						
India	22.6	22.2	22.1	1.57	1.44	1.65
Pakistan	6.7	6.9	6.9	1.49	1.56	1.66
M. East & Africa						
South Africa	1.9	1.6	1.6	1.10	0.91	1.06
Turkey	8.6	8.6	8.4	1.51	1.51	1.57
L. America & Carib:						
Argentina	4.8	5.0	5.5	1.69	1.55	1.35
Brazil	3.8	3.1	2.0	0.75	0.87	0.90
Oceania						
Australia	11.2	11.3	11.9	1.45	0.96	1.27
Total above	207.3	215.0	215.5	1.93	1.92	1.96
Other countries	20.2	20.7	20.6	1.14	1.23	1.24
World	227.5	235.7	236.1	1.86	1.86	1.90
World less U. S.	202.2	207.1	203.4	1.80	1.81	1.84
Major foreign ex- porters 3/	38.4	40.0	42.2	2.35	2.32	2.37

1/ Totals and averages based on unrounded data. 1980/81 is estimated and preliminary. 1981/82 is projected based on surveys, trends, and analysts' judgement. See footnote on page 8 for source.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 16.

3/ Includes Canada, Australia, Argentina, and EC.

Coarse grains area, yield, and production: World and selected countries and regions 1/

Region/country:	Area		Yield		Production	
	: 1981/82		: 1981/82 proj.		: 1981/82 proj. 2/	
	: 1979/80 : 1980/81: proj.		: 1979/80 : 1980/81: Nov : Dec		: 1979/80 : 1980/81 : Nov : Dec	
---Million hectares---						
			Metric tons per hectare		----Million metric tons----	
United States	41.8	41.4	43.4	5.71	4.80	5.68
Canada	7.1	8.0	9.2	2.63	2.73	2.78
Western Europe	25.3	24.6	24.5	3.59	3.85	3.69
Eastern Europe	19.8	19.3	19.5	3.20	3.20	2.89
USSR	61.2	57.9	55.8	1.33	1.39	1.38
Cen. Planned Asia:						
PRC	33.1	32.7	32.5	2.51	2.52	2.52
South Asia						
India	41.4	41.2	41.6	0.66	0.69	0.70
N East&Other Asia:						
Thailand	1.7	1.8	1.8	2.04	2.01	2.30
M East and Africa:						
South Africa	5.4	5.4	5.4	2.16	2.77	2.28
Turkey	4.1	4.2	4.2	1.82	1.80	1.85
L America & Carib:						
Argentina	4.8	6.4	6.0	2.20	3.28	2.88
Brazil	11.9	13.1	13.9	1.73	1.76	1.76
Oceania						
Australia	4.2	4.3	5.0	1.47	1.19	1.41
Total above	262.0	260.2	262.8	2.53	2.47	2.59
Other countries						
	78.8	80.3	79.8	0.97	1.03	1.06
World	340.8	340.6	342.6	2.17	2.13	2.24
World less U. S.	299.0	299.2	299.3	1.68	1.76	1.74
Major foreign ex- <u>porters</u> 3/	23.3	25.9	27.4	2.18	2.57	2.43

1/ Totals and averages based on unrounded data. 1980/81 is estimated and preliminary. 1981/82 is projected based on surveys, trends, and analysts' judgement. See footnote on page 8 for source.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 17.

3/ Includes Canada, Australia, Argentina, South Africa, and Thailand.

Rice(rough) area, yield, and production: World and selected countries and regions 1/

Region/country	Area	Yield	Production		
			1981/82	1980/81	1981/82 proj. 2/
1979/80 : 1980/81: proj.	1979/80	1980/81: Nov	1979/80	1980/81	Nov : Dec
---Million hectares---		Metric tons per hectare			-----Million metric tons-----
United States	1.2	1.5	5.15	4.97	5.48
Western Europe	0.3	0.3	5.77	5.46	5.60
USSR	0.6	0.7	3.92	4.20	4.00
Cen. Planned Asia:					
PRC	33.8	33.4	4.25	4.17	4.34
South Asia					
Bangladesh	10.1	10.5	1.90	2.04	1.93
Burma	4.4	4.8	2.19	2.60	2.81
India	39.4	39.8	40.0	1.61	2.01
Pakistan	2.0	1.9	2.0	2.37	2.41
N East&Other Asia:					
Indonesia	8.8	9.0	9.3	2.99	3.30
Japan	2.5	2.4	2.3	5.99	5.13
South Korea	1.2	1.2	1.2	5.75	5.34
Thailand	8.7	9.6	9.8	1.80	1.93
L America & Carib:					
Argentina	0.1	0.1	0.1	3.25	3.49
Brazil	6.6	6.6	6.6	1.47	1.39
Oceania					
Australia	0.1	0.1	0.1	5.28	7.15
Total above	119.9	121.7	122.4	2.72	2.84
Other countries	21.6	21.5	22.7	2.33	2.31
World	141.5	143.2	145.0	2.66	2.76
World less U. S.	140.3	141.8	143.5	2.64	2.74
Major foreign ex-: porters 3/	15.3	16.4	16.7	2.02	2.21

1/ Totals and averages based on unrounded data. 1980/81 is estimated and preliminary. 1981/82 is projected based on surveys, trends, and analysts' judgement. See footnote on page 8 for source.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 18.

3/ Includes Australia, Burma, Pakistan, and Thailand.

Cotton (all kinds) area, yield, and production: World and selected countries and regions 1/

Region/country:	Area		Yield		Production	
	1979/80	1980/81	1981/82	1980/81	1981/82 proj.	1980/81 proj.
	proj.		1979/80	Nov	Dec	Nov
	---Million hectares---		Kilograms per hectare		---Million 480-pound bales---	
United States	5.2	5.3	5.6	613.	453.	609.
USSR	3.1	3.1	3.1	925.	988.	950.
Cen. Planned Asia:						
PRC	4.5	4.9	5.1	491.	552.	568.
South Asia						
India	8.1	8.1	8.2	162.	164.	169.
Pakistan	2.0	2.1	2.1	366.	340.	378.
M East and Africa:						
Egypt	0.5	0.5	0.5	963.	1011.	1032.
Sudan	0.4	0.4	0.4	282.	207.	225.
Turkey	0.6	0.7	0.7	778.	718.	751.
L America & Carib:						
Argentina	0.6	0.3	0.4	283.	274.	314.
Brazil	2.0	2.0	2.0	293.	305.	289.
Cent America ^{3/}	0.3	0.3	0.2	923.	929.	930.
Mexico	0.4	0.4	0.4	859.	965.	907.
Total above	27.6	28.2	28.7	460.	450.	481.
Other countries	4.5	4.5	4.7	351.	346.	339.
World	32.1	32.7	33.5	444.	436.	461.
World less U. S.	26.9	27.3	27.9	412.	432.	431.
Major foreign ex- ^{4/} porters	7.3	7.5	7.4	720.	737.	733.

1/ Totals and averages based on unrounded data. 1980/81 estimates are preliminary. 1981/82 is projected based on surveys, trends, and analysts' judgement. See footnote on page 8 for source.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 18.

3/ Includes Nicaragua, Guatemala, Honduras, and Costa Rica.

4/ Includes USSR, Pakistan, Turkey, Sudan, Egypt, Central America, and Mexico.

Soybean area, yield, and production: World and selected countries and regions 1/

	Area	1981/82	Yield	1981/82	proj. 2/	Production
Region/country:	:	1980/81:	1980/81:	1981/81:	Nov	1981/82 proj. 2/
1979/80	:	proj.	1979/80	1979/80	Dec	Nov : Dec
---	Million hectares---	---	Metric tons per hectare	---	---	Million metric tons-----
United States	28.56	27.46	2.16	2.09	61.72	48.77
Canada	0.28	0.28	2.37	2.52	0.67	0.71
Eastern Europe	0.46	0.50	1.41	1.26	1.30	1.28
USSR	0.84	0.85	0.80	0.56	0.62	0.65
Cen. Planned Asia:						
PRC	7.20	7.32	7.60	1.04	1.08	1.04
South Asia						
India	0.40	0.55	0.55	0.75	0.82	0.91
L America & Carib:						
Argentina	2.03	1.74	1.95	1.80	2.01	2.21
Brazil	8.76	8.70	8.57	1.73	1.78	1.77
Paraguay	0.40	0.40	0.40	1.44	1.50	1.56
Total above	48.93	47.81	47.70	1.85	1.64	1.82
Other countries	2.36	2.05	2.40	1.27	1.16	1.23
World	51.29	49.86	50.10	1.83	1.62	1.79
World less U. S.	22.73	22.40	23.03	1.40	1.44	1.45
Major foreign ex- porters 3/	11.19	10.84	10.92	1.73	1.81	1.84

1/ Totals and averages based on unrounded data. 1980/81 is estimated and preliminary. 1981/82 is projected based on surveys, trends, and analysts' judgement. See footnote on page 8 for source.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 18.

3/ Includes Argentina, Brazil, and Paraguay.

Commodity	Major regions and countries							
	United States	Canada	Western Europe	Eastern Europe	USSR	Asia	Planned	Centrally: South Asia
								:Paki-
								:stan
---Million metric tons---								
<u>Cottonseed</u>								
1: 1979/80	5.24	0.00	0.26	0.03	4.51	4.41	2.45	1.44
2: 1980/81	4.06	0.00	0.30	0.03	5.08	5.41	2.70	1.37
3: 1981/82								
3: Nov. proj.	5.61	0.00	0.34	0.03	4.95	5.80	2.80	1.50
4: Dec. proj.	5.61	0.00	0.34	0.02	5.00	5.80	2.80	1.50
5: 1979/80	1.80	0.00	0.00	0.00	0.00	2.82	5.77	0.05
6: 1980/81	1.05	0.00	0.00	0.00	0.00	3.60	5.70	0.06
7: 1981/82								
7: Nov. proj.	1.81	0.00	0.00	0.00	0.00	3.60	5.80	0.05
8: Dec. proj.	1.81	0.00	0.00	0.00	0.00	3.60	6.20	0.06
<u>Sunflowerseed</u>								
9: 1979/80	3.41	3/ 0.22	0.75	2.27	5.41	0.34	0.15	0.00
10: 1980/81	1.75	3/ 0.17	0.82	1.82	4.65	0.91	0.17	0.00
11: 1981/82								
11: Nov. proj.	2.14	3/ 0.15	0.84	2.02	4.80	1.00	0.16	0.00
12: Dec. proj.	2.10	3/ 0.18	0.84	2.02	4.80	1.00	0.16	0.00
13: 1979/80	0.00	3.41	1.57	0.66	0.01	2.40	1.43	0.25
14: 1980/81	0.00	2.48	2.47	1.26	0.01	2.38	2.15	0.25
15: 1981/82								
15: Nov. proj.	0.00	1.78	2.54	1.08	0.02	3.80	2.00	0.25
16: Dec. proj.	0.00	1.79	2.54	1.08	0.02	3.80	2.20	0.25
<u>Rapeseed</u>								
17: 1979/80	0.30	0.82	0.06	0.05	0.25	0.00	0.27	0.01
18: 1980/81	0.21	0.46	0.05	0.09	0.20	0.00	0.52	0.01
19: 1981/82								
19: Nov. proj.	0.20	0.48	0.05	0.09	0.20	0.00	0.40	0.01
20: Dec. proj.	0.20	0.48	0.05	0.09	0.20	0.00	0.40	0.01

1/ Totals and averages based on unrounded data. 1980/81 is estimated and preliminary. 1981/82 is projected based on surveys, trends and analysts' judgement. See footnote on page 8 for source.

2/ Countries included: India, Sudan, Argentina, and Brazil for cottonseed; Eastern Europe and Argentina, sunflowerseed; Canada, rapeseed; and India, Senegal, Sudan, Argentina, and Brazil, peanuts; Argentina and Canada, flaxseed.

Oilseeds production: World and selected countries, regions, and commodities--Cont.

Major regions and countries													
Middle East and Africa			Latin America and Caribbean			Total for Major regions			Other countries and regions			World	Major foreign ex-porters
Argentina	Paraguay	Sudan	Brazil	Uruguay	Countries	Argentina	Paraguay	Uruguay	Other countries	United States	Argentina	Argentina	Argentina
Egypt	Senegal	Sudan	tina	Brazil	guay	Countries	Argentina	Paraguay	Uruguay	Other countries	United States	Argentina	Argentina
---Million metric tons---													
0.79	0.00	0.14	0.32	1.07	0.14	20.79	4.25	25.05	19.81	3.98	1		
0.84	0.00	0.18	0.17	1.10	0.19	21.44	4.10	25.54	21.49	4.15	2		
0.73	0.00	0.20	0.24	1.06	0.19	23.44	4.13	27.58	21.96	4.29	3		
0.74	0.00	0.20	0.24	1.06	0.19	23.49	4.06	27.55	21.94	4.29	4		
0.03	0.60	0.85	0.29	0.48	0.02	12.74	4.22	16.96	15.16	8.00	5		
0.03	0.49	0.80	0.24	0.31	0.02	12.30	4.43	16.73	15.68	7.54	6		
0.05	0.60	0.80	0.26	0.35	0.02	13.35	4.62	17.97	16.16	7.82	7		
0.05	0.60	0.80	0.26	0.35	0.02	13.76	4.63	18.39	16.58	8.22	8		
0.01	0.00	0.00	1.65	0.02	0.00	14.23	1.20	15.43	12.02	3.92	9		
0.01	0.00	0.00	1.26	0.09	0.00	11.64	1.45	13.09	11.34	3.08	10		
0.01	0.00	0.00	1.65	0.12	0.00	12.89	1.33	14.22	12.08	3.67	11		
0.01	0.00	0.00	1.65	0.12	0.00	12.88	1.33	14.20	12.10	3.67	12		
0.00	0.00	0.00	0.00	0.00	0.00	9.74	0.34	10.08	10.08	3.41	13		
0.00	0.00	0.00	0.00	0.02	0.00	11.02	0.30	11.32	11.32	2.48	14		
0.00	0.00	0.00	0.00	0.02	0.00	11.49	0.33	11.82	11.82	1.78	15		
0.00	0.00	0.00	0.00	0.02	0.00	11.70	0.33	12.03	12.03	1.79	16		
0.03	0.00	0.00	0.74	0.00	0.00	2.53	0.10	2.63	2.33	1.56	17		
0.04	0.00	0.00	0.58	0.00	0.00	2.16	0.05	2.22	2.01	1.05	18		
0.04	0.00	0.00	0.70	0.00	0.00	2.17	0.06	2.23	2.03	1.19	19		
0.04	0.00	0.00	0.70	0.00	0.00	2.16	0.06	2.22	2.02	1.18	20		

3/ Assumes reported production for four States representing 95 percent of U.S. total

--- No production reported or less than 5,000 tons.

WHEAT: RELIABILITY OF DECEMBER WORLD CROP PRODUCTION FORECASTS

Region	: Standard Error of Estimate : from : Trend-68% Confidence Level : Percent : :			Eight Year Record of Difference Between December Forecast & Final Estimate						Number of Years 2/ : Below Final : Above Final	
	Quantity	Average	Average	Smallest	Largest	Below	Above				
	Million MT	(-----Million MT-----)									
<u>North America</u>											
Canada	16.8	5	2.4	-	-1/	1	4	3			
United States	9.3	5	.5	-	-	1	6	2			
<u>Western Europe</u>	7.6	4	1.8	1	1	2	5	3			
<u>Eastern Europe</u>	11.9	4	2.3	1	-	2	3	5			
<u>Oceania</u>											
Australia	20.2	2	11.4	2	-	5	6	2			
<u>South Asia</u>											
India	9.1	2	3.2	1	-	3	5	3			
Pakistan	6.5	1					NA	NA			
<u>Centrally Planned Asia</u>											
China	9.5	4					NA	NA			
<u>USSR</u>	16.6	16	7.5	7	3	12	5	3			
<u>Middle East and Africa</u>											
South Africa	16.7	-					NA	NA			
Turkey	9.3	1					NA	NA			
<u>Latin America & Caribbean</u>											
Argentina	22.5	2	10.3	1	1	2	4	4			
Brazil	47.6	1					NA	NA			
<u>Total Above</u>			3.1	9	2	21	5	3			
<u>Others</u>	6.4	3	1.9	2	-	5	6	2			
<u>World Total</u>	5.6	21	2.3	10	1	22	5	3			
<u>World Less U.S.</u>	7.2	23	2.7	10	1	21	5	3			
<u>Major Competitors 3/</u>	8.0	3	4.0	2	-	6	6	2			

1/ Less than 500,000 tons

2/ May not add up to 8 if December estimate was the same as final

3/ Includes Canada, Australia, Argentina, and the EC.

NOTE 1: N/A means no published forecasts are available.

NOTE 2: Standard errors of the estimates are derived from 10 year production trends, 1971-1980; percent error is calculated at the mean. The 8 year record is based upon absolute differences from final estimates.

FAS:IAS:FPED:December 10, 1981

COARSE GRAINS: RELIABILITY OF DECEMBER WORLD CROP PRODUCTION FORECASTS

Region	: Standard Error of Estimate : from : Trend-68% Confidence Level : :			Eight Year Record of Difference Between December Forecast & Final Estimate						Number of Years <u>2/</u>	
	Percent	Quantity	Average	Average	Smallest	Largest	Below	Above	Percent	Final	Final
	Percent	Quantity	Average	Smallest	Largest	Below	Final	Final	Percent	Final	Final
		Million MT	(-----Million MT-----)								
<u>North America</u>											
<u>Canada</u>	: 9.8	2	: 3.1	1	-1/	2	: 4	3			
<u>United States</u>	: 9.3	17	: 2.6	6	1	10	: 7	1			
<u>Western Europe</u>	: 6.7	6	: .9	1	-	2	: 6	2			
<u>Eastern Europe</u>	: 4.9	3	: 3.5	2	-	4	: 7	1			
<u>Oceania</u>											
<u>Australia</u>	: 19.2	1	: 11.7	1	-	1	: 3	5			
<u>South Asia</u>											
<u>India</u>	: 9.6	3	: . .				: NA	NA			
<u>Centrally Planned Asia</u>											
<u>China</u>	: 4.1	3	: . .				: NA	NA			
<u>Near East & Other Asia</u>											
<u>Thailand</u>	: 19.2	-	: 1.9	-	-	-	: 2	1			
<u>USSR</u>	: 18.2	16	: 7.5	7	2	12	: 4	4			
<u>Middle East and Africa</u>											
<u>South Africa</u>	: 27.3	2	: 15.9	1	-	5	: 6	2			
<u>Turkey</u>	: 15.2	1	: . .				: NA	NA			
<u>Latin America & Caribbean</u>											
<u>Argentina</u>	: 20.2	3	: 19.5	3	1	4	: 5	3			
<u>Brazil</u>	: 10.2	2	: 9.2	2	-	3	: 4	3			
<u>Total Above</u>			: 1.9	9	3	19	: 5	3			
<u>Others</u>	: 4.6	4	: 2.4	3	1	11	: 6	2			
<u>World Total</u>	: 3.5	23	: 1.9	11	2	22	: 5	3			
<u>World Less U.S.</u>	: 4.0	19	: 2.3	9	3	28	: 4	4			
<u>Major Competitors <u>3/</u></u>	: 5.8	4	: 6.5	4	1	9	: 3	5			

1/ Less than 500,000 tons

2/ May not add up to 8 if December estimate was the same as final

3/ Includes Canada, Australia, Argentina, S. Africa and Thailand.

NOTE 1: N/A means no published forecasts are available.

NOTE 2: Standard errors of the estimates are derived from 10 year production trends, 1971-1980; percent error is calculated at the mean. The 8 year record is based upon absolute differences from final estimates.

FAS:IAS:FPED:December 10, 1981

Cotton, rice (rough), and oilseeds production: 1981/82 trend projections and standard errors 1/

Regions	Cotton		Rice (rough)		Oilseeds					
	: Trend		: Standard error		: Trend		: Standard error			
	: Pro-		: Quan-		: Pro-		: Quan-			
	: jection:		: tity		: Percent		: jection:			
: ---Mil. bales---			---Mil. MT---			---Mil. MT---				
U.S. 2/	15.6	.2	1.5	8.3	.2	2.3	56.5	1.5	2.6	
Canada	---	---	---	---	---	---	3.0	3/	.8	25.9
Western Europe	---	---	---	1.7	.2	11.8	---	---	---	
Eastern Europe	---	---	---	---	---	---	---	---	---	
USSR	13.9	.5	3.6	2.7	.1	3.7	5.0	4/	.8	16.3
Centrally	---	---	---	---	---	---	---	---	---	
Planned Asia:	---	---	---	---	---	---	---	---	---	
PRC	10.7	1.1	10.3	145.2	3.7	2.6	---	---	---	
South Asia	---	---	---	---	---	---	---	---	---	
Bangladesh	---	---	---	21.0	1.0	4.8	---	---	---	
Burma	---	---	---	11.7	.8	6.8	---	---	---	
India	6.0	.4	6.7	79.0	7.2	9.1	6.2	5/	.7	12.1
Pakistan	2.6	.5	19.2	5.1	.2	3.9	---	---	---	
Near East & Other Asia	---	---	---	---	---	---	---	---	---	
Indonesia	---	---	---	28.6	1.0	3.5	---	---	---	
Japan	---	---	---	14.7	1.3	8.8	---	---	---	
South Korea	---	---	---	7.6	.9	11.8	---	---	---	
Thailand	---	---	---	17.9	.9	5.0	---	---	---	
Middle East and Africa	---	---	---	---	---	---	---	---	---	
Egypt	2.0	.3	15.0	---	---	---	---	---	---	
Senegal	---	---	---	---	---	---	.7	5/	.3	42.8
South Africa	---	---	---	---	---	---	---	---	---	
Sudan	.4	.2	50.0	---	---	---	---	---	---	
Turkey	2.2	.2	9.1	---	---	---	---	---	---	
Latin America & Caribbean	---	---	---	---	---	---	---	---	---	
Argentina	.8	.2	25.0	.3	.03	10.0	---	---	---	
Brazil	2.4	.4	16.7	9.5	.6	6.3	16.5	6/	1.8	10.9
Mexico	1.4	.4	28.6	---	---	---	---	---	---	
Oceania	---	---	---	---	---	---	---	---	---	
Australia	---	---	---	.7	.05	7.1	---	---	---	
Foreign	51.2	2.6	5.1	397.9	8.7	2.2	---	---	---	
World	63.5	4.0	6.3	404.4	9.0	2.2	171.8	8.4	4.9	7/
	---	---	---	---	---	---	---	---	---	

1/ This table provides a measure of year-to-year variability in production from linear trend during 1971/72-1980/81. Data reflect one standard error, i.e. 68-percent confidence level. In the case of USSR cotton, for example, there is a 68-percent probability that 1981/82 production will total within 0.5 million bales or 3.6 percent of the trend projection of 13.9 million. Production estimates may differ from trend, based on analysts' judgement and other factors. 2/ Crop Reporting Board estimates of U.S. production and associated root mean square errors. Oilseeds are soybeans only. 3/ Rapeseed. 4/ Sunflowerseed. 5/ Peanuts. 6/ Soybeans. 7/ Percentages for individual oilseeds: soybeans, 6.4; cottonseed, 6.1; sunflowerseed, 9.3; peanuts, 5.5; and rapeseed 8.9.

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